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PTO/SB/05 (11-00)
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0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number**UTILITY PATENT
APPLICATION AND FEE
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 510015-272**First Inventor** Larry Coldren**Title** HEAT SPREADING LAYERS FOR VERTICAL
CAVITY SURFACE EMITTING LASERS**Express Mail Label No.** EL585710205US**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing.)2. ☒ Applicant claims small entity status.
See 37 CFR 1.273. ☒ Specification Total Pages 16
- Cover sheet
- Descriptive title of the invention
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure4. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets 95. ☒ Combined Declaration
& Power of Attorney Total Pages 5
a. ☒ Newly Executed (original or copy)
b. ☐ Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ Deletion of Inventor(s)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 C.F.R.
1.63(d)(2) and 1.33(b).6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if
applicable, all necessary)a. ☐ Computer Readable form

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R
(2 copies); orii. ☐ Statements verifying
identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☒ Assignment Papers (cover sheet & documents) ✓10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)
(If foreign priority is claimed)16. ☒ Nonpublication Request Under
35 U.S.C. 122(b)(2)(B)(i)

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation☐ Divisional☐ Continuation-in-part (CIP)

of prior application No. : _____

Prior application information: Examiner: _____

Group Art Unit: _____

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Labelor ☒ New correspondence address below**OPPENHEIMER WOLFF & DONNELLY LLP**

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j1046 U.S. PTO

09/934791

08/21/01

Attorney Docket No. 20595-15
FEE CALCULATION

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	20 - 31	11	\$ 18.00	\$198.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	3	X	\$.00	\$.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			\$.00	
				BASIC FEE (37 CFR 1.16(a))	\$710.00
				Total of above Calculations =	\$908.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				454.00
				TOTAL =	\$454.00

6. ☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 16-2230:
- a. ☒ Fees required under 37 CFR 1.16.
 - b. ☒ Fees required under 37 CFR 1.17.
 - c. ☐ Fees required under 37 CFR 1.18.
7. ☒ A check in the amount of \$454.00 is enclosed.
8. ☒ A check in the amount of \$ 40.00 for Assignment recordation is enclosed

Accordingly, issuance of the official Filing Receipt an early date is in order and is respectfully requested.

Express Mailing Label No. EL585710191US

I hereby certify that on **August 21, 2001**, I am depositing this correspondence and all listed attachments with the United States Postal Service "Express Mail Post Office to Addressee," service under 37 C.F.R. § 1.10, addressed to Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.


Valerie Mata

Dated: August 21, 2001



~~Charles Berman~~ Marc Bobys
Registration No. ~~29,249~~ 45,267

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